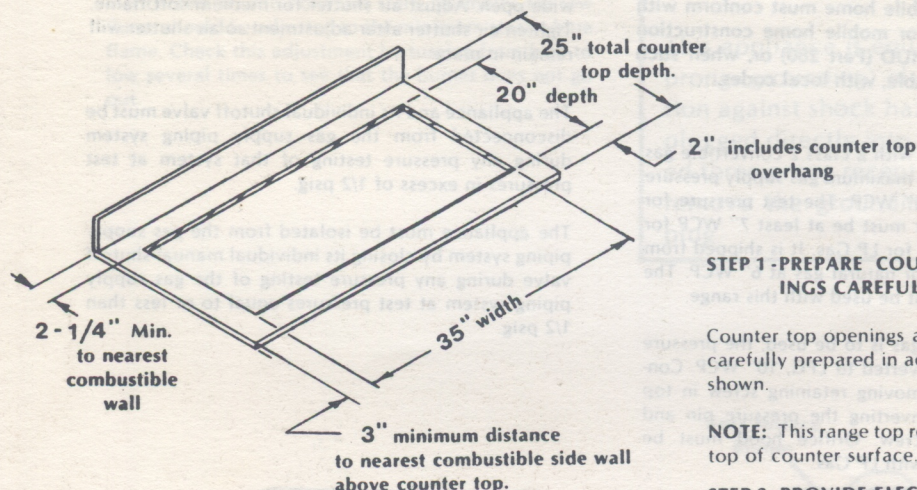


# INSTALLATION OF 36" BUILT-IN GAS RANGE TOP

**NOTICE TO INSTALLER:** Leave these instructions with the appliance.  
**NOTICE TO CONSUMER:** Retain for future reference.

ANS Z21.1 Household Cooking Appliance



## STEP 1 - PREPARE COUNTERTOP CUT OUT OPENINGS CAREFULLY

Counter top openings and wall clearances should be carefully prepared in accordance with the drawing as shown.

**NOTE:** This range top requires a 5" clearance beneath top of counter surface.

## STEP 2 - PROVIDE ELECTRICAL CONNECTION:

The electrical connection of this range is 110/120 volt 15 AMP\* 60 Hertz AC. This range is provided with a grounded type range cord. A grounded type outlet should be provided in the area directly behind range. Be sure to comply with local electrical codes for grounding.

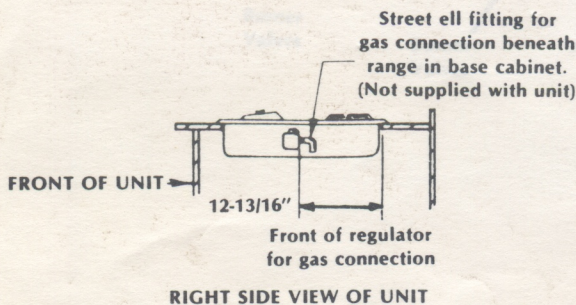
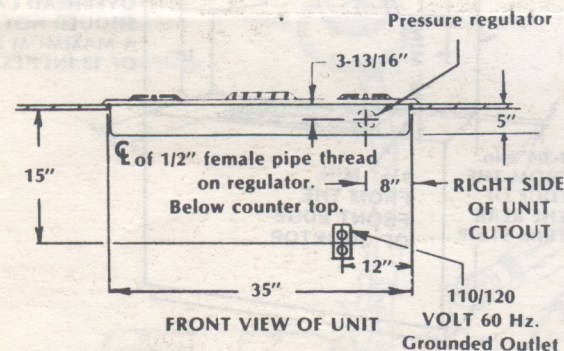
This unit must be electrically grounded in accordance with the National Electrical Code, ANSI/NFPA No. 70-1981.

## STEP 3 - INSTALLING BURNER BOX

- Before installing burner box, install a gas shut-off valve before the gas line connects to range top manifold.
- Insert unit into cabinet top opening. Remove grates, swing top open and screw or nail the burner box to cabinet top through holes in flange.

## STEP 4 - MAKE GAS SUPPLY CONNECTION

Gas connection is made to the gas pressure regulator which accepts 1/2" male pipe thread. This connection may be made directly below the burner box by the use of a 1/2" street ell fitting or may be made directly through the rear of the burner box. See drawing at left for location of the gas connection fittings on the unit. An approved pipe compound resistant to the action of LP gas **must** be used in making gas connections. Test all points for leaks, with a soap solution or other acceptable means, but never with an open flame.





Installation must conform to local codes. In the absence of local codes, installation must conform with National Fuel Gas Code, ANSI Z223.1-1980.

Installation in a mobile home must conform with the federal standard for mobile home construction and safety, Title 24, HUD (Part 280) or, when such standard is not applicable, with local codes.

This range is equipped with a class 2 convertible gas pressure regulator. The maximum gas supply pressure for this regulator is 14" WCP. The test pressure for checking this regulator must be at least 7" WCP for natural gas or 11 WCP for LP Gas. It is shipped from the factory adjusted for natural gas at 6" WCP. The regulator supplied must be used with this range.

If LP (Bottle or Tank) gas is to be used, the pressure regulator must be converted to LPG, 10" WCP. Conversion is done by removing retaining screw in top center of regulator, inverting the pressure pin and replacing retaining screw. Orifice hood must be screwed tight for use with LP Gas.

#### STEP 5 - ADJUSTMENT OF BURNERS

All units are carefully lighted and checked at the factory; however, if your area should have different gas characteristics or if adjustments have been changed during or before installation, the following adjustments should be checked when gas has been connected.

- (a) **Burners:** this unit is equipped with a pressure regulator which is pre-set at 6" WCP. This should eliminate any need for gas adjustment to the main burners. However, the air to the burner should be adjusted properly with the air shutter. The correct air shutter adjustment will usually amount to 1/8" to 3/16" open at corner. Proper adjustment will result in a sharp blue bead.

When valve is turned to the "LITE" position this will energize spark igniter. When igniters are working you will hear a sharp popping sound.

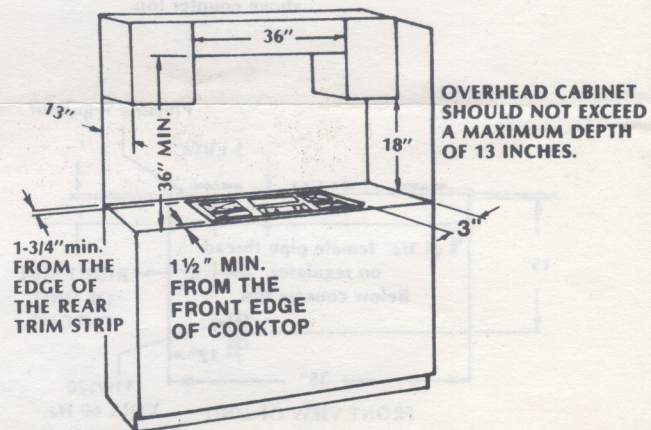
After burner ignites turn valve knob back slightly until popping stops.

Griddle Burner Flame May Be Observed By Sighting Through Left Rear Slot In Main Top (Located In The Controls Section).

Adjust air to burners by means of movable air shutter at front end of burner casing. Closing the air shutter causes the flame to be soft and yellow tipped. Flames will lift or blow from the burner when air shutter is wide open. Adjust air shutter for medium soft flame. Tighten air shutter after adjustment so air shutter will remain in place.

The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig.

The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig.





INSTALLATION OF 36" BUILT-IN GAS RANGE TOP

**NOTE:** A wiring diagram is included in the homeowners literature package for future reference.

Low burner flame may be adjusted by turning adjustment screw in center of valve stem. Normally, the low flame should be adjusted to the minimum steady blue flame. Check this adjustment by turning from high to low several times to see that the burner does not go out.

## WARNING

### Electrical Grounding Instructions

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from the plug.

